Inside ADE's IT Modernization Effort

Presented to:

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DATA

vision partnership security
real-time rigorous involvement
students children computers strategies
visualization college-ready
momentum education learning advancement
planning technology teachers support
standards expectations career-ready policymakers implementation graduation
purpose parents
analysis quality success data ArizonaReady
integrated capacity
achievement feedback
assessment research
future reforms effective progress
transparency choice Arizona accountability
leadership opportunity decisions
initiatives

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The State of SAIS

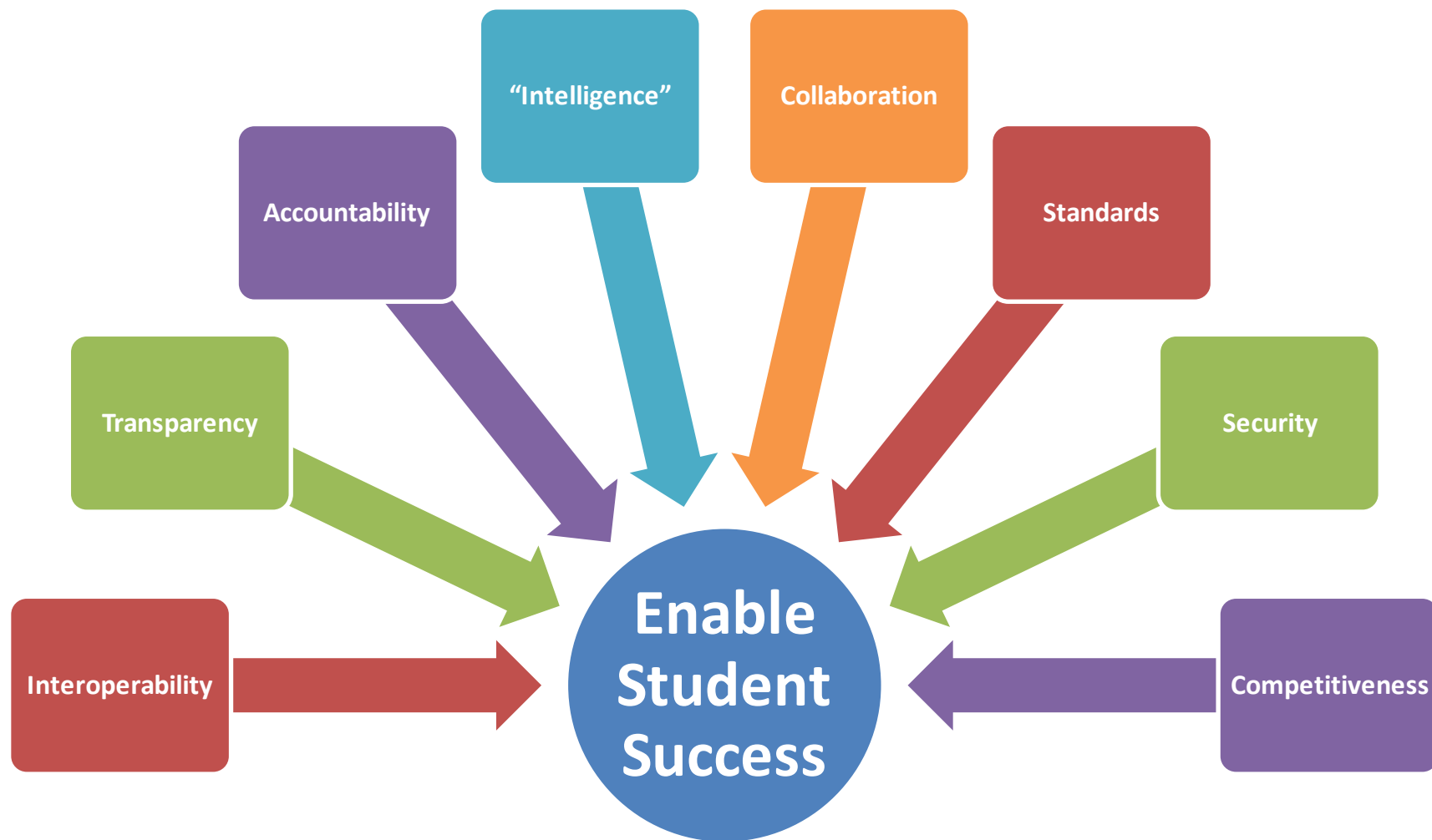| Then	Now	Tomorrow
• Fewer than 100 bug fixes	• More than 600 bug fixes	• Documents rewritten to consolidate information
• Available 50%	• Available 99.99%	• Integrity run calendar posted on IT Bulletin with deadlines
• IT service desk phone never answered	• 100% calls answered within 45 seconds	• Better, faster, more frequent integrity runs
• IT skill set immature	• SAIS open FY12 first time since 2003	• More accurate, accessible data
• IT processes non-existent	• Processing time increased 200%	• Self-service portal automating help tickets
• Infrastructure unsupported	• First time "on time" 40-day aggregation	• No need to call for service
• IT organization underfunded	• LEAs able to plan and budget	
	• Fast and accurate funding for customers	

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SAIS 2011 Transactions

- **63,663,396** SAIS import file records processed
  - **58,333,355** successful
  - **0.35%** failure rate for whole year

- Overall Integrity transactions for 2011 were up **67%** over 2010

- There were **38** integrity runs for 2011 versus 22 integrity runs for 2010

- December 2011 had **10** separate integrity runs compared to 2 runs in 2010

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Getting to the single source of education truth

What is Arizona missing?

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Roadmap

- System Defined for Arizona Education Stakeholders by Arizona Education Stakeholders – not for ADE IT
- Unified data warehouse system P20W
- Personalized Instruction
- Education Intelligence
- Business Case
- Top-Down and Bottom-Up State Support
- State Data and Technology Standards
- Shared Services Model using Cloud Technology
- Inter-state collaboration and consortiums

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Future Data System: AELAS

- Current Effort: Projects Underway
- Mapping the Mess
- Cost of IT
- State Support of new Data System
- Future Funding

Thank You

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